



Product Evaluation

DR801 | 1216

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: DR-801

Effective Date: December 1, 2016

Re-evaluation Date: January 2019

Product Name: Full Lite Mahogany Wood Single Glazed Side Hinge Inswing Door, Non- Impact Resistant

Manufacturer: Arlene Stained Glass & Door Company
10440 Holly springs Drive
Houston, TX 77042
(713) 780-2497

General Description:

System	Description	Design Pressure Rating
1	Full Lite Mahogany Wood Glazed Single Door (OX)	+35/-35 psf

Product Dimensions:

System	Overall Size	Fixed Panel Size	Operable Panel Size	Daylight Opening
1	74-1/4" x 98-1/2"	36-3-8" x 96"	35-5/8" x 95-15/16"	20-5/8" X 66-1/2"

Components and Hardware:

System	Component	Quantity	Attachment Method
1	Butt Hinges	4	From top of the door to centerline of hinge: 7-1/8", 32-3/4", 58-1/4" and 83-3/4".
	Cylindrical Lock Kwikset 687DA LIP 15 SMT	1	Knob centerline located at 36" from sill.
	Dead Bolt	1	Dead bolt centerline at 41-1/2" from sill.
	Dead Latch	1	Operable door leaf lock stile & Door Jamb
	Dead Bolt Strike Plate	1	Door Frame Jamb
	Dead Latch Strike Plate	1	Door Frame Jamb

Product Identification (Certification Label on Door):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Arlene Stained Glass & Door Company
	Product Name	Full Lite Mahogany Wood Door w/ or w/o Sidelite
	Test Standards	ASTM E330-02

Impact Resistance:

System	Impact Resistant	Requirement
1	No	Provide an impact protective system when installing the product in areas that require windborne debris.

Acceptance of Smaller Assemblies: Door assemblies with dimensions equal to, or smaller than those specified are acceptable with the limitations specified in this report.

Sidelites: Sidelites must only be used with door. Sidelites must not be installed individually.

Installation:

System		
1	Type of Installation	New Installation
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Min No. 8 x 3" Bugle Head Screws
	Fastener Embedment	Minimum 1-1/2" into the wall framing.
	Fastener Location/Spacing	Hinge Jamb. 3" from outside corner. The rest through hinge into frame, first and third screw through hinge into frame and wall framing. At midpoint between each hinge. Lock Jamb. 3" from outside corner then at 17" O.C. into frame and wall framing. Head. 3" from outside corner with one at midpoint.

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.